

TYCO 17921 (AT 20958-1029)
PATENTIN THE CLAIMS

1. canceled

2. canceled

3. (currently amended) An electrical contact comprising:a body having a first wall and a second wall opposed to said first wall;a rigid lance integrally formed with said first wall and projecting away from said second wall;a deflectable biasing beam integrally formed with said second wall and extending away from said first wall in a direction opposite to said lance, said biasing beam being compressed when said contact is installed into a housing, thereby generating a retention force in a direction transverse to a longitudinal axis of said body and maintaining said lance in a predetermined position within the housing; and

~~An electrical contact in accordance with claim 1~~ further comprising at least a third wall extending between said first wall and said second wall, said third wall tapered along a lower edge thereof adjacent said second wall.

4. canceled

5. (currently amended) An electrical contact comprising:a body having a first wall and a second wall opposed to said first wall;a rigid lance integrally formed with said first wall and projecting away from said second wall;

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a deflectable biasing beam integrally formed with said second wall and extending away from said first wall in a direction opposite to said lance, said biasing beam being compressed when said contact is installed into a housing, thereby generating a retention force in a direction transverse to a longitudinal axis of said body and maintaining said lance in a predetermined position within the housing; and

~~An electrical contact in accordance with claim 1~~ wherein said body comprises a pair of opposed side walls positioned between said first and second walls thereby forming a pin cavity, wherein one of said pair of side walls comprises a contact beam extending into said pin cavity.

6. canceled

7. canceled

8. canceled

9. (currently amended) An electrical contact in accordance with claim ~~[[1]]~~ 5 wherein ~~said body further comprises opposite side walls extending from said first wall and said second wall and defining a pin cavity, one of said side walls comprising a contact beam depending into said pin cavity, the other of said side walls comprising~~ comprises an embossment extending into said pin cavity.

10. canceled

11. canceled

12. (currently amended) An electrical connector system comprising:
at least one housing comprising a longitudinal cavity therein; and
an electrical contact situated within said cavity;
wherein one of said housing and said contact comprises:

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opposed top and bottom walls;

a rigid lance integrally formed with said top wall, said lance in abutting contact with a portion of the other of said housing and said contact;

a deflectable biasing beam extending from said bottom wall and engaging the other of said housing and said contact, a deflection of said biasing beam in a direction transverse to a longitudinal axis of said cavity providing a biasing retention force directed toward said top wall to maintain said contact in position relative to said housing; and

~~An electrical connector system in accordance with claim 10 wherein said rigid lance is located on said housing, said contact comprising a retention window receiving said rigid lance.~~

13. canceled

14. canceled

15. canceled

16. canceled

17. canceled

18. (original) A contact assembly comprising:

a body having a top wall, a bottom wall and at least one side wall;

a rigid lance integrally formed with said top wall and projecting upward therefrom;

a first contact beam extending downward from said top wall;

a second contact beam extending inwardly from said side wall;

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a deflectable biasing beam integrally formed with said bottom wall and extending downward therefrom; and

a contact pin received in said body and engaged by said first and second contact beams.

19. (original) A contact assembly in accordance with claim 18 wherein said body is substantially rectangular.